

MoDOT V8 Workspace Configuration

The MoDOT V8 zip file contains both the MicroStation and Geopak environments and the workspaces for Roadway and Bridge. Listed below are some items that may be of interest to you.

- Levels – MoDOT uses a **DGNLIB** that contains all the level names we currently use. We have disabled the ability to add or delete levels to help minimize problems with Geopak.
- Units – MoDOT uses a **Units.def** file, which defines the working units that are available. (..\Standard\data).
- Reference Files – Coincident world is the default settings
- Models – This feature has been disabled.
- Text – True type fonts have been disabled.
- By Level – This feature has been disabled.

Geopak Specific Items

The Survey, Plan and Profile sheet layout and X-section Library configuration variables have been hard coded to either the C or D drive. It's important to use the proper Geopak configuration variable in order for those operations to work properly. If you plan on using a different drive than the C or D drive the following files will need to be modified.

- **Survey** - This file is a Binary file, which cannot be edited. If you are using a different drive location for the GPK_STD you will need to follow the instructions at the end of this document to redefine a new **SDP** file for your specific drive.

C or D:\Gpk_Std\Survey

GPK_SURVEY_SEED_SDPFILE = (USTN_DRIVE)gpk_std\survey\MoDOT_C.sdp

- **Plan & Profile Layout** and **X-section Library** – These files are ASCII and can be edited with any text editor to make the paths correct if you use a different drive.

C or D:\Gpk_Std\Sheet_Data_Files

GPK_SHEETCLP_SHEET_LIBRARY_NAME = modot_C.psl

GPK_XS_SHEET_LIBRARY_NAME = MoDOT_C.xssl

- **Startjob** - If you are using the Startjob application you will have to make changes to two files using a text editor. **Survmainrsc.rsc** and **Startjob.cdl**

File location: C or D:\Standard\Startjob**Survmainrsc.rsc**

Change the path to your location of MoDOT's Gpk_Std folder

- T:\gpk_std\Survey\MoDOT.sdp (change to)
C:\gpk_std\Survey\MoDOT.sdp

File location: C or D:\Standard\Startjob**Startjob.cdl**

Change the path to your location where Geopak is installed.

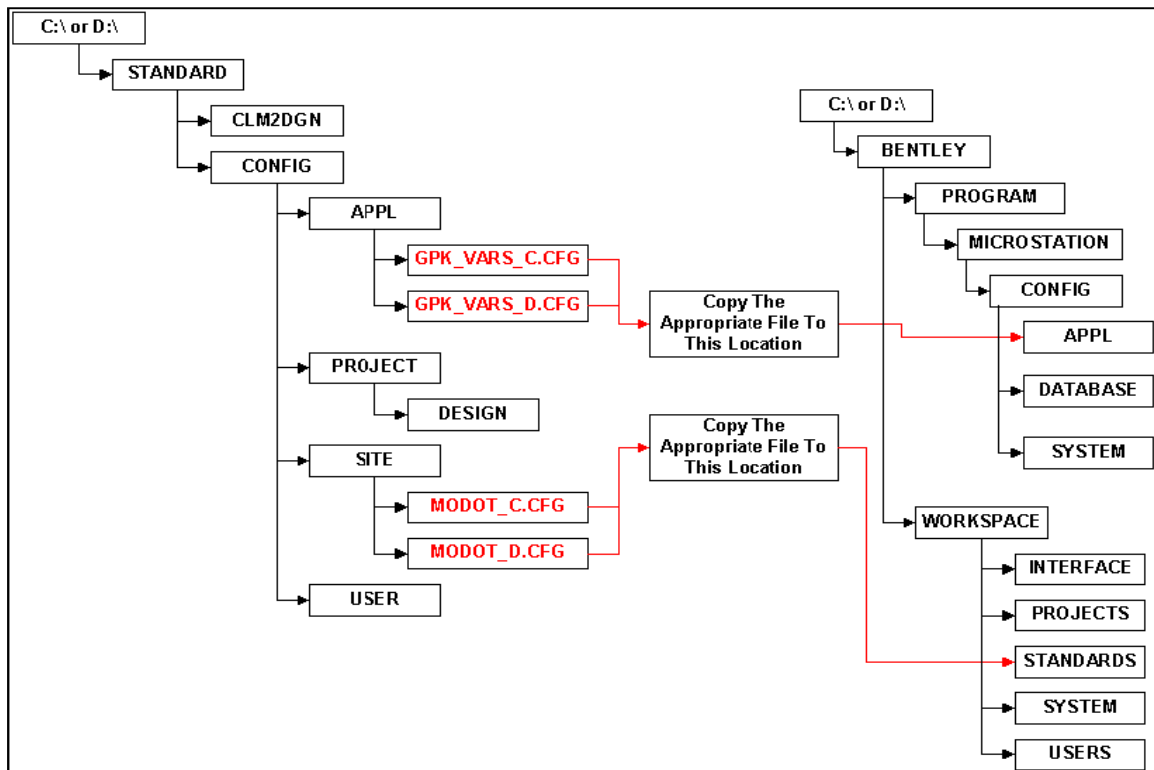
[Survey Main Destination Dir]

- D\geopakv8\bin\ (change to) **C:\Geopak\bin**

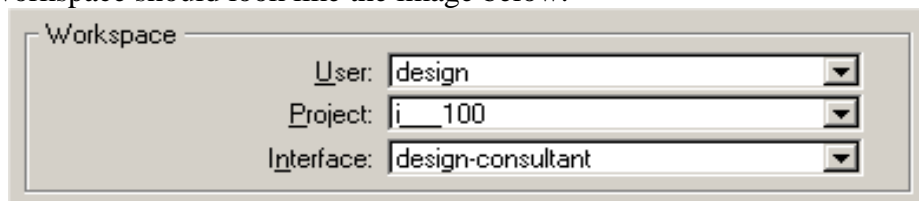
If these changes are not done the startjob application will not work properly.

How to activate MoDOT's environment?

Copy the appropriate files listed below to activate MoDOT's environment.



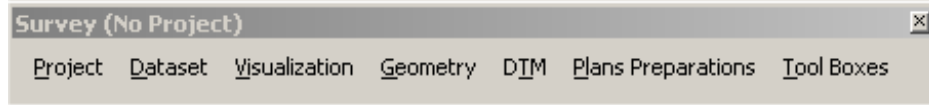
- Once MoDOT's environment has been activated the MicroStation Manager workspace should look like the image below.



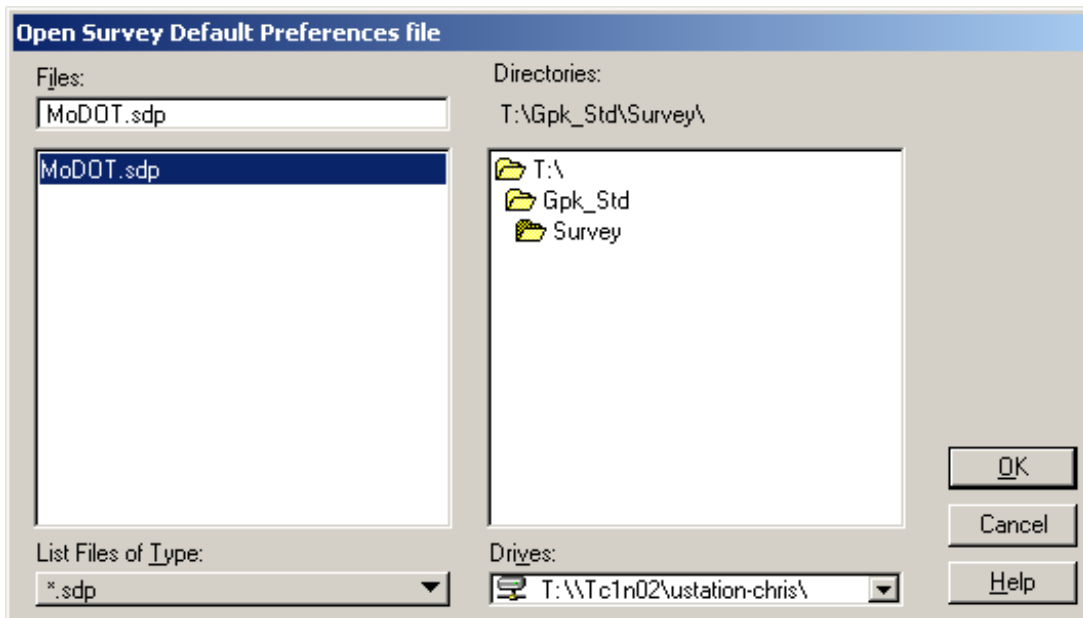
Redefining Survey Default Preferences

If you are placing the MoDOT configuration under a different drive or folder, you will have to change the SDP file to make Geopak Survey run correctly for the MoDOT configuration.

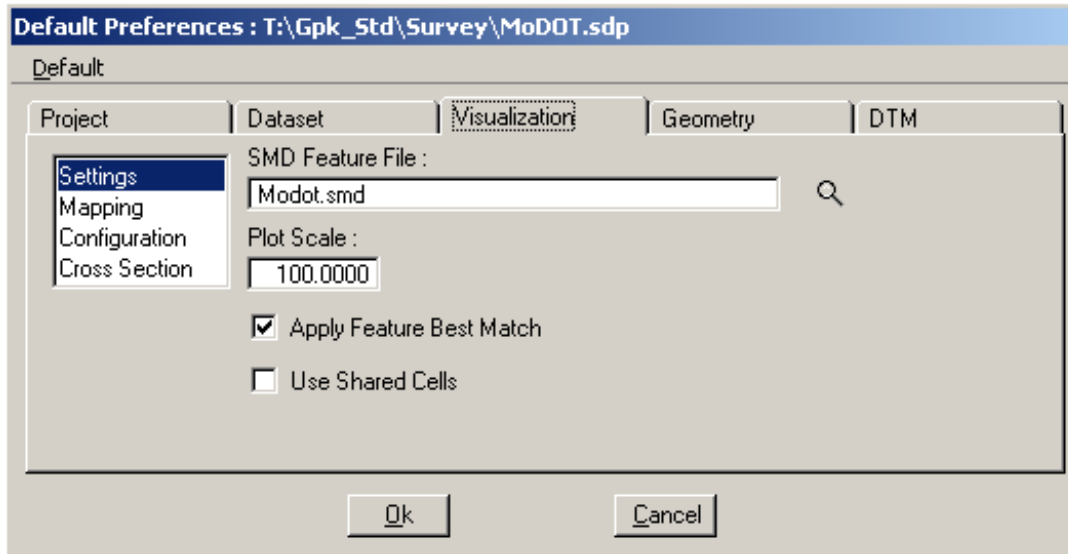
- 1) Open Microstation and activate Geopak.
- 2) Go to the Applications dropdown to Geopak Survey and select Survey. The Survey Menu Bar should display Survey (No Project).



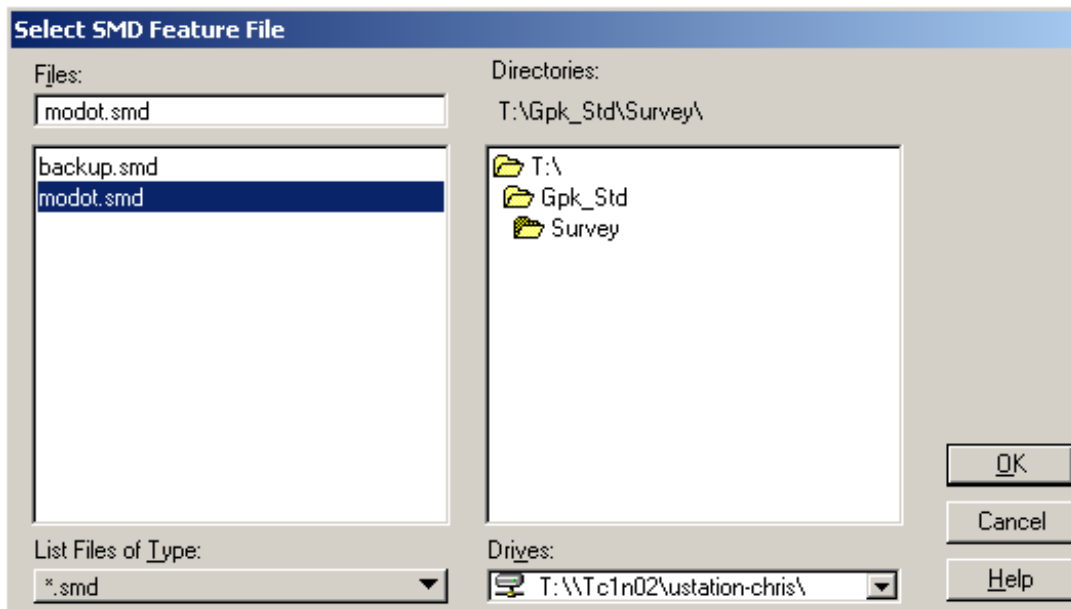
- 3) Go to Project → Preferences. Go to the Default dropdown and select Open. This will allow you to navigate to the MoDOT.sdp file in your configuration.



- 4) Once you have the configuration path to the MoDOT.sdp file displayed in the banner of the Default Preferences area, go to the Visualization tab in the Settings area.



- 5) Navigate to the MoDOT.smd file that is located in your file structure at Gpk_Std\Survey\.



- 6) Select OK and this will set the path to the MoDOT.smd file. Select OK for the Default Preferences and this will set the MoDOT.sdp file with the correct paths to run the MoDOT configuration.

